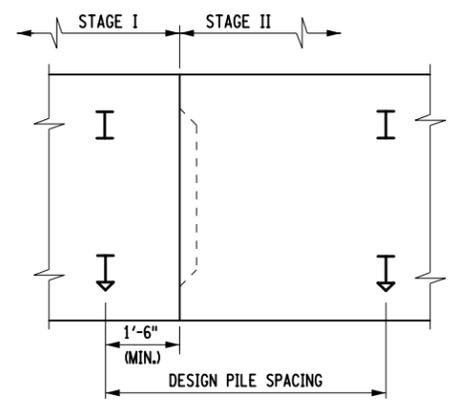


EXAMPLE OF CAST IN PLACE PILES EXAMPLE OF STEEL H-PILES

FOOTING PILE LAYOUT

LEGEND	
⊕	CAST-IN-PLACE PILE, ITEM NO. (INDICATE DIAMETER)
⊕	BATTERED CIP PILE, ITEM NO. (INDICATE BATTER)
I	STEEL H-PILE, ITEM NO.
I	BATTERED H-PILE, ITEM NO. (INDICATE BATTER)
PILE CUT-OFF ELEVATION IS . ft.	
FOR PILE SPLICE DETAILS, SEE DWG. NO.	
FOR PILE TIP DETAILS, SEE DWG. NO.	
THE ESTIMATED LENGTH OF PILE IS . ft.	

PILE TABLE			
PILE NO.	LENGTH BELOW CUT-OFF	PILE NO.	LENGTH BELOW CUT-OFF
1		21	
2		22	
3		23	
4		24	
5		25	
6		26	
7		27	
8		28	
9		29	
10		30	
11		31	
12		32	
13		33	
14		34	
15		35	
16		36	
17		37	
18		38	
19		39	
20		40	



SAMPLE DETAIL FOR STAGE CONSTRUCTION
NOT TO SCALE

DESIGNER NOTES:

SEE THE FOUNDATION DESIGN REPORT (FDR) FOR THE APPROPRIATE FOUNDATION NOTES.

DELETE FROM THE LEGEND THE INFORMATION THAT DOES NOT PERTAIN TO THE PARTICULAR SITUATION.

REFER TO BRIDGE MANUAL, SECTION 11 FOR PILE SPACING AND FOOTING EDGE DISTANCE REQUIREMENTS.

CHECK THAT THE MAXIMUM CENTER TO CENTER DESIGN SPACING BETWEEN PILES IN THE SAME ROW IS NOT VIOLATED.

FOR PILE DETAILS, SEE BD-MS5E.

BARs MAY BE PROVIDED WITH HOOK IF NECESSARY FOR DEVELOPMENT.

REFER TO BRIDGE MANUAL, SECTION 15.12 FOR THE REQUIREMENTS FOR THE USE OF CORROSION PROTECTED REINFORCEMENT IN SUBSTRUCTURES.

THE FOOTING REINFORCEMENT PLAN SHOWS TWO METHODS OF TRANSITIONING FROM WINGWALL FOOTING TRANSVERSE BARS TO ABUTMENT FOOTING TRANSVERSE BARS. FLARED TRANSVERSE BARS TRANSITION SHOULD BE USED UP TO A 60° WINGWALL FLARE. THE OVERLAP TRANSVERSE BARS TRANSITION SHOULD BE USED AT WINGWALL FLARES OVER 60°.

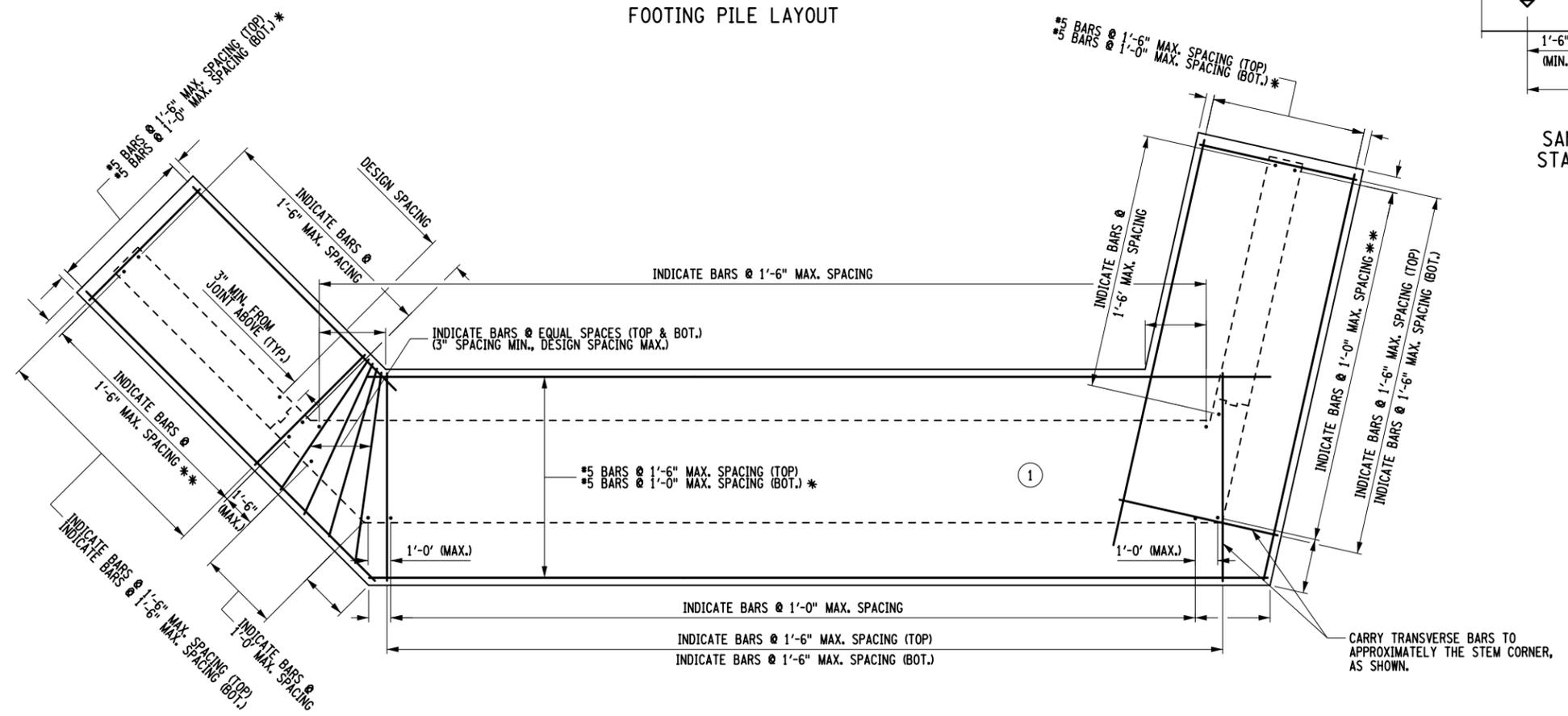
* SPACING SHOWN IS FOR FOOTINGS ON PILES. #5 BARS @ 1'-6" MAX. SPACING REQUIRED FOR SPREAD FOOTINGS.

** FOR WALL WIDTHS LESS THAN OR EQUAL TO 1'-6", BAR SPACINGS ARE 1'-6" (MAX.). FOR WALL WIDTHS GREATER THAN 1'-6", BAR SPACINGS ARE 1'-0" (MAX.).

NOTES:

COVER FOR STEEL REINFORCEMENT IN FOOTING SHALL BE 3" UNLESS OTHERWISE NOTED. ALL OTHER COVER SHALL BE 2" UNLESS OTHERWISE NOTED.

(NO.) - INDICATES CONCRETE PLACEMENT NUMBER



FOOTING REINFORCEMENT PLAN

FILE NAME = BD-AB4E.r1.dgn
DATE/TIME = 27-DEC-2016 09:29

REVISED 6/28/10	<p>Department of Transportation Office of Structures</p>	<p>EXAMPLE OF PILE LAYOUT AND FOOTING REINFORCEMENT PLAN</p>	
ERRATA			
12/20/16	<p>APPROVED: 12/20/16 ORIGINAL SIGNED BY RICHARD MARCHIONE, P.E. DEPUTY CHIEF ENGINEER (STRUCTURES)</p>	<p>ORIGINAL ISSUED UNDER EB 08-002 CURRENT ISSUED UNDER EB 16-050 EFFECTIVE WITH THE LETTING OF 12/20/16</p>	